

**Notice of Allowability**

Application No.

10/083,626

Applicant(s)

ISAKOVIC ET AL.

Examiner

Antonio A. Caschera

Art Unit

2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE/amendment filed 06/08/07.
2. ☒ The allowed claim(s) is/are 1-10 and 39-46.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

## **DETAILED ACTION**

### ***Priority***

1. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in the pending application.

### ***Examiner's Amendment***

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

#### ***Amendments to the claims***

*1-10. (Previously Presented)*

*11-38. (Canceled)*

*39-46. (Previously Presented)*

*47-70. (Canceled)*

### ***Response to Arguments***

3. Applicant's arguments, see pages 21-28 of Applicant's Remarks, filed 06/08/07, with respect to the 35 USC 103(a) rejection of claims 1-10 and 39-46 have been fully considered and

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are persuasive. The prior art rejection of claims 1-10 and 39-46 has been withdrawn. Further, amendments to the claims overcome the prior art of record and a further prior art search has not yielded any further applicable prior art therefore the claims are in condition for allowance.

*Allowable Subject Matter*

4. Claims 1-10 and 39-46 are allowed.

The following is an examiner's statement of reasons for allowance:

In reference to claim 1, the prior art of record does not explicitly disclose the combination of limitations of the virtual reality computing apparatus of the claim including, the graphics master unit adapted to re-compute and store object and/or event parameters of a first scene graphics data file according to the code of a virtual reality modeling language, sending the newly computed object and scene graphics data file to at least two graphics client units, these client units each overwriting previous versions of the scene graphics data file with newly computed versions of the file such that all partial images of the scene when synchronously displayed together allow a three-dimensional perception of a three-dimensional scene by a human viewer along with sending a message back to the graphics master unit signaling the conclusion of the image computation respectively and outputting the respective computed partial images, in combination with the further limitations of claim 1.

In reference to claims 2-10 and 39-46, claims 2-10 and 39-46 depend upon allowable claim 1 and are therefore also deemed allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *References Cited*

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

- a. Ross et al. (U.S. Patent 6,608,628)
  - Ross et al. discloses a virtual interactive imaging system displaying high-resolution 3D images to a user allowing for the user to manipulate the images.

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Antonio Caschera whose telephone number is (571) 272-7781. The examiner can normally be reached Monday-Thursday and alternate Fridays between 7:00 AM and 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kee Tung, can be reached at (571) 272-7794.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

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**or faxed to:**

**571-273-8300 (Central Fax)**

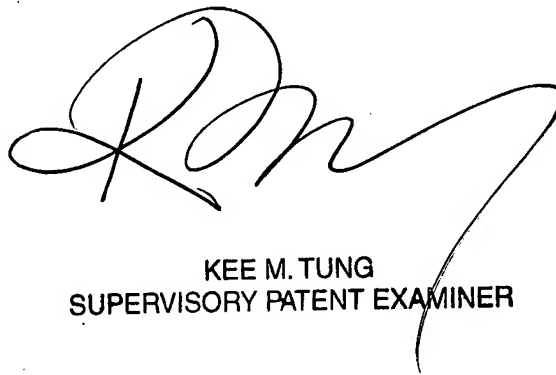
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (571) 272-2600.

aac

*pac*

8/14/07

**Antonio Caschera**  
Patent Examiner



KEE M. TUNG  
SUPERVISORY PATENT EXAMINER